WHAT IS CLAIMED IS:

1. A method for removing hydrocarbon solids from an oil well comprising

(a) feeding into an oil well having hydrocarbon solids therein a feed composition comprising at least 40 vol.% dense phase carbon dioxide and at least 30 vol.% of an alkanol component selected from the group consisting of alkanols containing 1 to 3 carbon atoms and mixtures thereof, and optionally one or more surfactants, under a pressure of 300 to 10,000 psia and a temperature of 90°F to 120°F,

(b) allowing the feed composition to remain in the well, whereby hydrocarbon solids in the well solubilize with said composition, and then

(c) removing from said well a liquid product composition comprising said solubilized hydrocarbon solids and alkanol.

2. A method according to claim 1 wherein the feed composition that is fed in step (a) also comprises a surfactant component.

3. A method according to claim 2 wherein the surfactant component is present in said feed composition when the feed composition is fed into said oil well.

4. A method according to claim 1 further comprising feeding a surfactant component into said oil well after said feed

composition is fed into said oil well, and before said liquid product composition is removed from said well.

5. A method according to claim 1 wherein said feed composition comprises at least 50 vol.% dense phase carbon dioxide.

6. A method according to claim 5 wherein said feed composition is fed at a temperature of 90°F to 110°F.

7. A method according to claim 1 wherein said feed composition is fed at a temperature of 90°F to 110°F.

8. A method according to claim 1 wherein said feed composition is free of aromatic compounds.